

CHADDERTON  
URBAN DISTRICT COUNCIL.

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REPORT

OF THE

Medical Officer of Health

FOR THE YEAR

❖ 1907. ❖

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**HENRY HOYLE,**

CLERK TO THE COUNCIL.

TOWN HALL, CHADDERTON,  
APRIL, 1908.

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# CHADDERTON URBAN DISTRICT COUNCIL.

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## Medical Officer's Annual Report.

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*To the Chairman and Members of the Chadderton Urban  
District Council.*

GENTLEMEN,

During the year 1907, 467 deaths were registered in Chadderton. Also 49 Chadderton persons died in public institutions outside the district (Oldham Union Workhouse, Oldham Infirmary and Oldham Fever Hospital, &c.) The nett deaths belonging to the district were therefore 516, of whom 251 were males and 265 females.

The corrected death rate is 19·1 per 1,000 of the population per annum, calculating the population at the middle of the year 1907, to be 27,000.

The number of births registered during the year was:—Boys, 415; Girls, 364; Total, 779; an increase of 35 on the previous year. 19 of these births were of illegitimate children.

The birth rate was 28·8 per 1,000 of the population per annum.

The natural increase of population, found by subtracting the number of deaths from the births was 263.

There were 130 deaths of infants under 1 year of age, nine of which were illegitimates.

The infantile death rate was 166, *i.e.*, there were 166 deaths under 1 year of age to 1,000 births. There were 18 inquests and seven inquiries held by the coroner during the year.

The deaths from the seven principal Zymotic diseases for the for the last five years were as follows :—

	1903	1904	1905	1906	1907
Smallpox.....	3	2	0	0	0
Scarlet Fever.....	0	4	10	8	2
Diphtheria .....	6	3	3	9	11
Enteric Fever .....	1	0	3	1	1
Measles .....	18	29	6	17	13
Whooping Cough .....	20	8	9	4	15
Diarrhœa .....	3	5	8	17	10
Total .....	51	51	39	56	52
Zymotic death-rate .....	2.00	1.97	1.48	2.10	1.92

#### REPORTS OF INFECTION.

The following table gives the Infectious cases reported during the last five years :—

	1903	1904	1905	1906	1907
Smallpox.....	46	51	43	28	0
Diphtheria&MembraneousCroup	9	26	21	23	28
Erysipelas .....	8	12	17	12	11
Scarlet Fever.....	68	147	209	122	68
Enteric Fever .....	7	7	14	10	8
Puerperal Fever.....	2	1	0	2	1
Chicken Pox* .....	...	63	129	120	24

\* The order making chicken pox a notifiable disease was rescinded about the middle of 1907.

It will be noticed that the number of cases of scarlet fever has dropped about 50 per cent. compared with 1906.

As there were a number of cases of diphtheria amongst the scholars of Mills Hill School in the early part of the year (most of them being Middleton children), I recommended its closure from March 20th till after the Easter holidays, and this course was adopted. The joint sewer running along Mills Hill Road was also inspected and flushed out.



Owing to an outbreak of measles amongst the scholars of Drury Lane School, the school was closed on my recommendation from February 18th for three weeks, and as the epidemic continued the closure was prolonged till after the Easter holidays.

In my last annual Report I drew attention to the comparatively small infantile death rate (117). This, however, has increased again in 1907 to 166. The increase is partially accounted for by the prevalence of bronchitis and pneumonia in 1907, causing 34 deaths as against only 10 in the previous year. Probably this was due to the wet and cold weather experienced in the spring and summer of 1907.

### SANITARY INSPECTION.

During the year, 49 notices regarding nuisances were sent out, and 47 of these nuisances were abated.

37 canal boats were inspected and found satisfactory and in accordance with the acts.

54 visits have been paid to factories and 14 to workshops, and these were found satisfactory.

131 smoke observations were made and in several cases reports were sent to the owners of the excessive amount of black smoke emitted. Some improvement has been noticed as a result of this action.

During the year inspections were made of a number of insanitary dwellings, 11 of which were condemned as unfit for human habitation and one of these has been closed.

### DISPOSAL AND REMOVAL OF HOUSE REFUSE AND EXCREMENT.

At the request of the Local Government Board, I made a report to the Council on the above, containing the following particulars :—

The number of water closets is as follows :—

	Slop Water		Fresh Water		Total
Cottages .....	677	...	65	...	742
Mills .....	...	...	215	...	215
Other Buildings .....	...	...	45	...	45
					<hr/>
					Total..... 1002

There are at present about 6,070 inhabited houses in the district, most of which are supplied with can closets. The number of cans emptied weekly is 4,852.

The nightsoil is distributed amongst the farms of the district where it is mixed with sweepings, etc., and used as manure.

Occasionally complaints are received of nuisance caused by stench from the pits where mixing is carried on. If some system were adopted of mixing with sifted ashes soaked in crude sulphuric acid, this could largely be prevented, and the manure would be improved by the production of sulphate of ammonia.

The water carriage system is now being applied to all new houses.

The conversion of all can closets into waste water closets should be proceeded with as quickly as possible.

With regard to the disposal of ashes, etc., I pointed out that the ashpits mostly used are dangerous to health, as ashes are not the only things thrown in, they are only emptied at long intervals, and the dust from them finds its way into the houses. They should in all cases be replaced by cans or bins which can be emptied weekly.

A destructor would be a great improvement on the present system of tipping the contents of ashpits in convenient places, the latter causing a nuisance.

I am,

Yours obediently,

H. ASHTON,

Medical Officer of Health.

Chadderton Urban District.—Table 1. Vital Statistics of Whole District during 1907 and previous Years.

YEAR	Population estimated to Middle of each year	Births		TOTAL DEATHS REGISTERED IN THE DISTRICT				Total Deaths in Public Institutions in the District	Deaths of Non-residents registered in Public Institutions beyond the District	Deaths of Residents registered in Public Institutions beyond the District	NET DEATHS AT ALL AGES BELONGING TO THE DISTRICT	
		Number	Rate*	Under 1 year of Age	At all Ages		Number				Rate*	
					Number	Rate per 1,000 Births registered						
												5
1	2	3	4	5	6	7	8	9	10	11	12	13
1897	23770	658	28.1	128	191	451	18.9	...	..	15	466	19.6
1898	24050	688	28.6	124	180	439	18.2	...	..	17	452	18.8
1899	24331	702	28.4	114	161	450	18.4	...	...	13	467	19.1
1900	24611	686	27.8	141	205	479	19.5	...	..	32	511	20.7
1901	24892	673	27.0	113	168	460	18.4	...	...	39	499	20.0
1902	25300	759	30.0	117	154	442	17.4	2	2	11	451	17.8
1903	25500	715	28.0	130	182	407	15.9	9	6	41	442	17.3
1904	25800	670	25.9	100	149	420	16.2	2	...	43	463	18.0
1905	26200	713	27.2	104	145	407	15.5	...	...	41	448	17.1
1906	26600	744	28.0	87	117	436	16.3	...	...	46	482	18.1
Averages for years 1897-1906	25105	710	27.9	115	165	439	17.4	...	...	29	468	18.6
1907	27000	779	28.8	130	166	467	17.3	...	...	49	516	19.1

\* Rates in Columns 4, 8, and 13 calculated per 1,000 of estimated population.

NOTE.—The deaths to be included in Column 7 of this Table are the whole of those registered during the year as having actually occurred within the district or division. The deaths to be included in Column 12 are the number in Column 7, corrected by the subtraction of the number in Column 10 and the addition of the number in Column 11.

By the term "Non-residents" is meant persons brought into the district on account of sickness or infirmity, and dying in public institutions there; and by the term "Residents" is meant persons who have been taken out of the district on account of sickness or infirmity, and have died in public institutions elsewhere.

The "Public institutions" to be taken into account for the purpose of these Tables are those into which persons are habitually received on account of sickness or infirmity, such as hospitals, workhouses and lunatic asylums. A list of the Institutions in respect of the deaths in which corrections have been made are as follows:—Cinder Hill Smallpox Hospital, Oldham Union Workhouse, Oldham Infirmary, Manchester Royal Infirmary.

Area of District in acres (exclusive of area covered by water) 3,080. Total population at all ages, 24,892. Number of inhabited houses, 5,402. Average number of persons per house, 4.61. (At Census of 1901.)

## Chadderton Urban District Council.—Table II.

## Vital Statistics of Separate Localities in 1907 and previous years.

YEAR	Population estimated to middle of each year	Births registered	Deaths at all ages	Deaths under 1 year
1897.....	23770	658	466	128
1898.....	24050	688	452	124
1899.....	24331	702	467	114
1900.....	24611	686	511	141
1901.....	24892	673	499	113
1902.....	25300	759	451	117
1903.....	25500	715	442	130
1904.....	25800	670	463	100
1905.....	26200	713	448	104
1906.....	26600	744	482	87
Averages of Years 1897 } to 1906 .....	25105	710	468	115
<b>1907</b> .....	27000	779	516	130



Chadderton Urban District.—Table III.

Cases of Infectious Disease notified during the Year 1907.

NOTIFIABLE DISEASE	CASES NOTIFIED IN WHOLE DISTRICT							TOTAL CASES NOTIFIED IN EACH LOCALITY			NO. OF CASES REMOVED TO HOSPITAL FROM EACH LOCALITY		
	At Ages—Years							North Ward	Central Ward	South Ward	North Ward	Central Ward	South Ward
	At all Ages	Under 1	1 to 5	5 to 15	15 to 25	25 to 65	65 and upwards						
Small-pox ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Cholera ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Diphtheria (including Membranous croup) ... ..	28	3	12	10	1	2	...	7	12	5	...	...	...
Erysipelas ... ..	11	...	...	1	2	7	1	4	7	...	...	...	...
Scarlet Fever ... ..	68	2	17	43	4	2	...	16	38	14	2	3	...
Typhus Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric Fever ... ..	8	...	...	6	1	1	...	3	5	...	1	...	...
Relapsing Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Continued Fever ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Puerperal Fever ... ..	1	...	...	...	...	1	...	1	...	...	...	...	...
Plague ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...
Chicken Pox... ..	24	1	13	10	...	...	...	10	2	12	...	...	...
Totals ... ..	140	6	42	70	8	13	1	43	66	31	3	3	

Isolation Hospitals { Small-pox—Hospital of Chadderton, Royton and Crompton Joint Hospital Board.  
Fever—Oldham Isolation Hospital at Westhulme.

**Chadderton Urban District.—Table IV.**  
**Causes of, and Ages at, Death during Year 1906.**

CAUSES OF DEATH  1	Deaths at the subjoined ages of "Residents" whether occurring in or beyond the District.							Total Deaths in Public Institutions in the District
	ALL AGES 2	Under 1 year 3	1 and under 5 4	5 and under 15 5	15 and under 25 6	25 and under 65 7	65 and up- wards 8	
Small-pox .....	...	...	...	...	...	...	...	
Measles .....	13	5	8	...	...	...	...	
Scarlet fever .....	2	...	2	...	...	...	...	
Whooping-cough .....	15	8	7	...	...	...	...	
Diphtheria (including Membranous croup)	11	3	5	3	...	...	...	
Croup.....	1	...	...	1	...	...	...	
Fever { Typhus .....	...	...	...	...	...	...	...	
{ Enteric .....	1	...	...	1	...	...	...	
{ Other continued...	...	...	...	...	...	...	...	
Epidemic influenza ...	7	...	1	...	...	4	2	
Cholera .....	...	...	...	...	...	...	...	
Plague .....	...	...	...	...	...	...	...	
Diarrhœa .....	10	9	1	...	...	...	...	
Enteritis .....	2	...	...	1	...	...	1	
Puerperal fever.....	...	...	...	...	...	...	...	
Erysipelas .....	...	...	...	...	...	...	...	
Other septic diseases..	...	...	...	...	...	...	...	
Phthisis (Pulmonary Tuberculosis) .....	49	1	2	2	7	35	2	
Other tubercular diseases .....	16	5	8	2	1	...	...	
Cancer, malignant disease .....	23	...	...	...	...	17	6	
Bronchitis .....	67	22	9	2	...	17	17	
Pneumonia .....	42	12	10	2	2	15	1	
Pleurisy .....	1	...	...	...	...	...	1	
Other diseases of Respiratory organs.	2	1	...	...	...	1	...	
Alcoholism .....	7	...	...	...	...	6	1	
Cirrhosis of liver ...)								
Venereal diseases.....	5	4	...	...	1	...	...	
Premature birth .....	13	13	...	...	...	...	...	
Diseases and accidents of parturition.....	1	...	...	...	...	1	...	
Heart diseases .....	53	...	1	2	8	25	17	
Accidents .....	17	...	4	2	3	8	...	
Suicides .....	3	...	...	...	1	2	...	
All other causes .....	155	47	14	4	1	51	38	
All causes .....	516	130	72	22	24	182	86	0

## Chadderton Urban District.—Table V.

## Infantile Mortality during the Year 1906.

## Deaths from stated Causes in Weeks and Months under One Year of Age

CAUSE OF DEATH	Under 1 Week	1-2 Weeks	2-3 Weeks	3-4 Weeks	Total under 1 Month	1-2 Months	2-3 Months	3-4 Months	4-5 Months	5-6 Months	6-7 Months	7-8 Months	8-9 Months	9-10 Months	10-11 Months	11-12 Months	Total Deaths under One Year
ALL CAUSES—Certified .....	18	1	3	3	25	17	7	9	13	9	6	8	5	9	10	4	122
„ Uncertified .....	2				2			1		1	1	2				1	8
<i>Common Infectious Diseases.</i>																	
Small-pox .....																	
Chicken-pox .....																	
Measles .....											2			1	2		5
Scarlet Fever .....																	
Diphtheria (including Membranous Croup) ..						1							1				2
Whooping Cough .....							2		1		1	3			1	1	9
<i>Diarrhæal Diseases—</i>																	
Diarrhœa, all forms .....										1							1
Enteritis, Muco-enteritis																	
Gastro-enteritis .....				1	1			1		1			1		1		5
Gastritis, Gastro-intestinal																	
Catarrh .....							1					1		1			3
<i>Wasting Diseases—</i>																	
Premature Birth .....	13			1	14	1											15
Congenital Defects .....		1			1												1
Injury at Birth .....																	
Want of Breast-milk																	
Starvation .....																	
Atrophy, Debility, Marasmus	4		1	1	6	5	1	2	4			2			1		21
<i>Tuberculous Diseases—</i>																	
Tuberculous Meningitis .....													1	1			2
Tuberculous Peritonitis																	
Tabes Mesenterica .....										1				1			2
Other Tuberculous Diseases												1				1	2
Erysipelas .....																	
Syphilis .....						1			1						1		3
Rickets .....																	
Meningitis ( <i>not Tuberculous</i> ) .....						1											1
Convulsions .....	3				3	1		1		2	1	1	1	1		1	12
Bronchitis .....			1		1	6		3	1	3	1	1		1	3	1	21
Laryngitis .....							1										1
Pneumonia .....							1	1	4	2	2		1		1	1	13
Suffocation, overlying .....																	
Other Causes .....			1		1	1	1	2	2			1		3			11
	20	1	3	3	27	17	7	10	13	10	7	10	5	9	10	5	130

Population, estimated to middle of 1907, 27,000.

Births in the Year—Legitimate, 760 ; Illegitimate, 19.

Deaths in the year—Legitimate Infants, 121 ; Illegitimate Infants, 9.

Deaths from all Causes at all ages, 516.

